

ABSTRACT

An isochronous back channel is configured between a transmitting device and a receiving device. The isochronous back channel provides retransmission and flow control information from the receiving device to the transmitting device related to a stream of isochronous data packets transmitted from the transmitting device to the receiving device. An isochronous back channel packet for indicating a retransmission or flow control function to perform is configured and transmitted from the receiving device to the transmitting device over the isochronous back channel. A transmitting plug is configured on the receiving device and a receiving plug is configured on the transmitting device for implementing the isochronous back channel. The isochronous back channel packet includes a control instruction that instructs the transmitting device to either reset, stop or resume transmission of the stream of isochronous data packets being transmitted from the transmitting device to the receiving device.